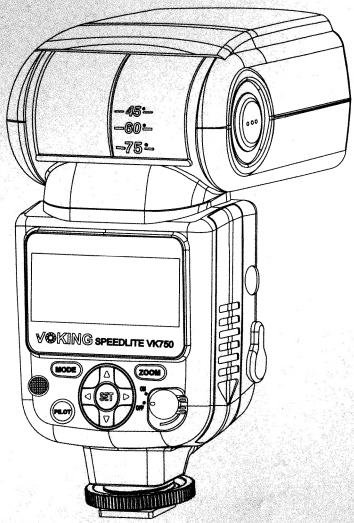
VOKING

使用说明书

Instruction Manual



English

简体中文

闪光灯
SPEEDLITE

VK750

1 .Warning

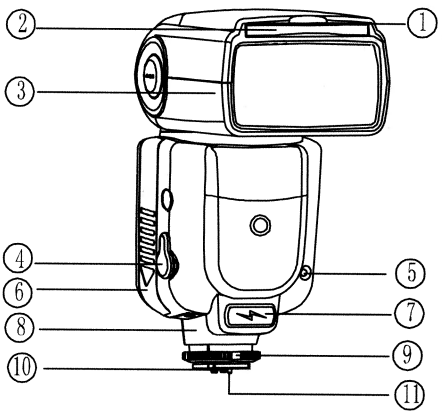
1. Do not use the unit in the presence of flammable or explosive gas.
2. When the speedlite is dropped or damaged,do not touch any exposured inner metal parts
3. Stop the speedlite and take out the battery if there's heat,smoke or smell of burning to avid catching fire.
4. If the corrosive liquid leaked from the battery and get in your eyes,please clean your eyes with clear water and consult your doctor.
5. The speedlite should not be dabbled in water, rain, sweat or moisture, to avoid catching fire or causing electric shock.
6. Do not use the speedlite to photo the people who need concentrate on his work,or may cause accident.
7. Do not use the speedlite to photo people's eyes nearly,or may damage their retinal of their eyes.Do not use the speedlite to an infant within 1 meter.
8. It's forbidden to use activity reaent such as diluent or benzene to clean the components. Never store the components in somewhere there are camphor and benzene,or the plastic package would be damaged and catch fire or electric shock.
9. Do not leave the small accessories to somewhere the children can reach,so as to avoid the children swallow them.If it happened,please consult the doctor at once.
10. Do not attempt to disassemble or repair the components of the flash,to avoid catching fire or causing electric shock.
11. Please use the standard size(AA) or other ordinary rechargeable batteries.Make sure to place the positive and negative of the batteries correctly.
12. To prevent overheating the flash head and shorten the operating life,do not flash continuously for more than twenty times at the (1/1) largest setting.

2 . Features

- ☑ High GN: 58
- ☑ Wireless trigger sensor
- ☑ Electrical socket outlet
- ☑ PC synchronous interface
- ☑ Recycle time 3 second (with 4 pcs AA alkaline cell)
- ☑ Support Multi-flash lighting Appliction (S1/S2 mode)
- ☑ Power saving mode
- ☑ Accurate brightness control
- ☑ LCD display
- ☑ Metal hot shoe
- ☑ Support front curtain synchronous
- ☑ Temperature detection Automatically (overheating protection)
- ☑ Memory function

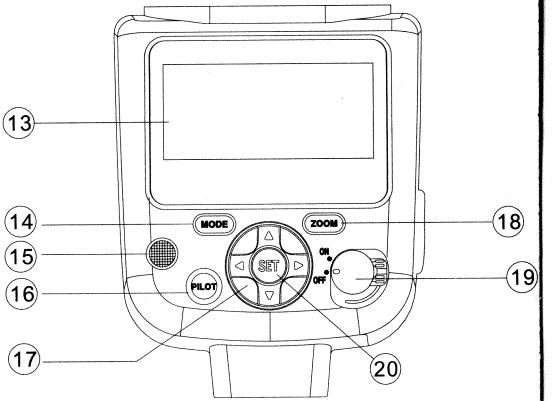
3 . Components

1. Reflector panel
2. Wide-angle diffuser
3. Flash head
4. PC terminal(for input)
5. Wireless trigger sensor
6. Battery cover
7. Externel power socket
8. Hot Shoe
9. Locking ring
10. Hot shoe pin
11. Locking pin



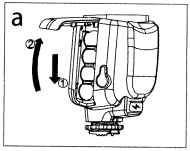
Components

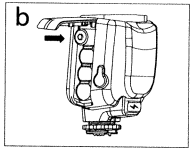
13. LCD display
14. Mode switch button
15. Charging indicator
16. Test button(PILOT)
17. Adjustment button
    <up、down、left、right button>
18. Zoom button
19. Power ON/OFF
20. SET Key Setting button

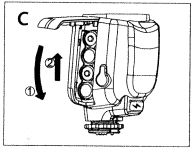


4 . Installation

1. Insert batteries
   a. Slide the battery compartment cover in the direction of the arrow to open it.
   b. Insert the batteries follow the direction inside the battery compartment cover, Make sure to place the positive and negative of the batteries correctly.
   c.Slide the battery compartment cover in the direction of the arrow to close it.



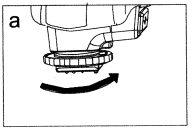


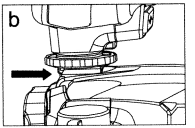


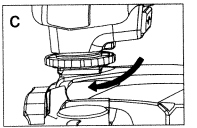
Note: Please use 4 pcs standard AA batteries. Please don't use damage batteries,so as to avoid shortcut.

Installation

2. Install the speedlite on the camera.
   a. Rotate the locking ring in the direction of the arrow to the hightest point.
   b. Mount the speedlight into the camera`s hot shoe completely.
   c. Turn the locking ring in the direction of the arrow tighten, Loosen the locking ring to the top, then remove the flashlight from camera`s hot shoe, If you detach the speedlight.







5 .Basic functions

Meaning of <Charging indicator>:

Status of charging indicator	Meaning	Operation
Red light blinks	Charging	Normal
Red light on	The batteries are full	Normal
"☼" blinks	The speedlite is locked because of the frequent flash,overheating protection.	Stop about 2 minutes, waiting for flash cooling
"▭" blinks	Low power or charge time is more than 20 seconds.	Turn off to change battery or turn on again

Basic functions

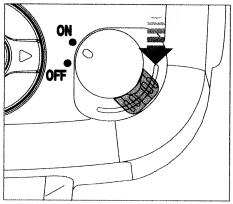
1. Basic Operations
   Operation of the buttons:

Components	Operation
<Power Switch>	Push up and down to turn on/off the speedlite
<ZOOM> button	Press this button and the left and right keys to adjust the focal range of the speedlite.Press once,the focal range will be among 24/28/35/ 50/70/80/105MM.
<Mode Switch Button>	Press once, the mode will change among the/M/ MULTI /S1/S2.
<Pilot Button>	Press this button to test the input brightness of the speedlite.
<Power output adjustment>	Press"▲""▼" to adjust power output.
<left>and <right> button	Press this button to adjust the output power of the speedlite.

2. Turn on/ off the speedlite

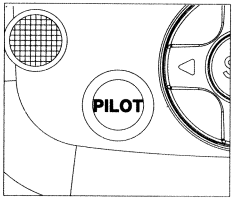
2.1 Turn on the speedlite

Push the switch down to "ON",LCD screen can display. If the charging indicator is blinking red,it means it is in the process of charging.when the green light turns on it can be used.



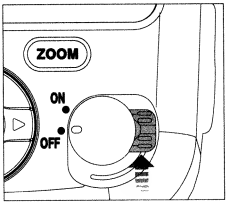
2.2 Speedlite test

- Press (PILOT), then the speedlite is flashing.



Turn on/ off the speedlite

2.3 Turn off the speedlite
Push the switch up to "OFF" in order to turn off the speedlite.

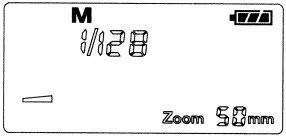


3. Memory function
The speedlite will recover the last mode and setting when it's turned on again.

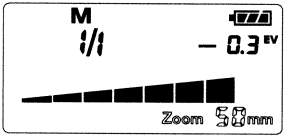
4: M mode

Under the M(Manual setting) mode,you can set the flash index as you like.

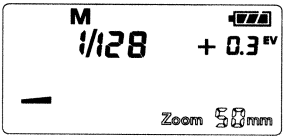
1 Press<mode> button to change to M mode
The picture is the M mode interface of the speedlite.



2 Decrese the brightness of the speedlite.
Press"▲"to adjust the output power,the maximum value can reach 1/1
(The-re're 3 grades of power fine adjustment on every gear)



3 Increase the brightness of the speedlite.
Press"▼"to adjust the output ratio,the minimum value can reach 1/128
(There're 3 grades of power fine adjustment on every gear)



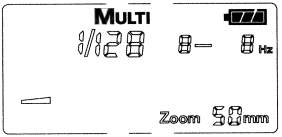
5: MULTI mode

Stroboflash is a kind of moldel that can analyse the motion of subject.

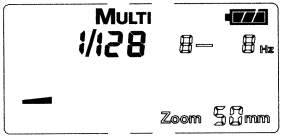
Under the stroboflash mode,the flash can photo a series of moving subjects for many photos.

You can set the flash rate.(the flash times one second, use HZ to represent it),flash times and flash input.

1 Press <mode> to change to the stroboflash mode.
The picture is the interface of the strobeflash.

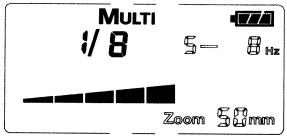


2 Increase the input brightness of the flash
Press the"▶" button to adjust the input brightness of the flash.The maximum brightest setting of the flash is 1/8.

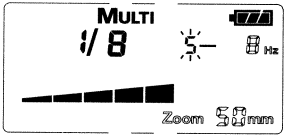


MULTI mode

3 Decrease the input brightness of the flash
Press the"◀" button to adjust the input brightness of the flash. The minimum brightness setting of the flash is 1/128.



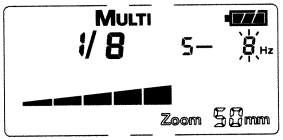
4 The strobeflash setting
When the strobeflash is setting,press<SET>button,the " 5 " is twinkle,then you can set the strobeflash time of speedlite. When the number of the times is set,press <SET> button to save the setting and quit.If you've chosen a number and it's twinkling continuously,the speedlit will save the setting automatically and quit.



MULTI mode

5 **The setting of the stroboflash**

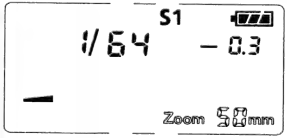
Press SET, there is "5" twinkling,then press" ◀" "▶" to adjust frequency,there will be"8"twinkling,press "▲" "▼" to adjust frequency.When the number is chosen,the flash will save with in 10 seconds and quit.



6: S1/S2 mode

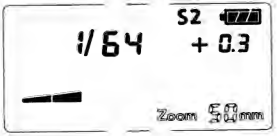
S1/S2 mode is used as off-camera auxiliary to creat various lighting effects. The S1 mode is suitable for manual flash environment, the S2 mode is suitable for TTL flash environment . Under these two modes, the adjustment of the output brightness of the speedlite is as the M mode.

S1 When the flash is in S1 mode,it will flash with the first work of the master flash sync ,the same effect as the use of radio slave.To use this mode correctly,the master flash should be set as manual flash.And the TTL flash systm with preflight function and the red-reduction function with multiple flashes should not be used.
S1 flash once can press"◀" "▶" to adjust the brightness of the flash.



S1/S2 mode

S2 S2 mode is namely"pre-flash cancel mode".It is similar to S1 mode,But it can ignored the pre-flash given by TTL flash.Therefore,it can support the main flash working in TTL mode.In particular,if S1 mode can not flash correctly and synchronically with your internal flash,you can try the S2 mode.(The function is suitable for the cameras of CANON and NIKON)
S2 preflash can through the"◀" "▶"to adjust exposure brightness



⚠ Whenever which mode your flash,press the"◀" "▶"button for more than 2 seconds, then you can reset the parameter of the flash by fast-forward or fast-backward.

7. Manul setting the flash head zoom position
You can adjust the zoom position of the flash head whenever which mode the speedlite is. The default focal length of the speedlite is 50MM.Press the ZOOM button, the "Mzoom 50mm" is twinkle, then you can adjust when press the "◀" "▶"button, It will be saved when you press zoom button again.

8. Test Flash
In any mode, you can press PILOT button to test if the flash ligth flashed normally.

9. Power save mode
After one-minute's idle operation, the flash will go to dormancy. If can be waken up through any button.

10. Overheating proteciton
If the flash light is used too frequently,its overheating protection funciton will be triggered, "☼"blinks wait 2 mins for the flash cooling,when the temperature drops to the normal, it can be used again and the flash light will be locked. in such case, wait indicator to be green then cancel the protection before continuing the use.
*Please try to use the 1/4 output or lower when rapid shooting is needed to prevent the effect on the shooting.

11. PC synchronous port(for input)

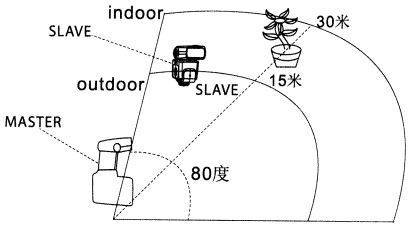
By connecting to the PC synchronus,you can make the flash synchronously,Please note that this PC synchronous port only receives synchronous signal input without supporting synchronous signal output.

1. Multi-flash Lighting Application

Use inbuilt flash or top-mounted flash as master flash,Place speedlite in different directions.

*In indoor application,radio signals can be reflected by walls; therefore, the placement of the slave flash should have more space. Wrieless triggering distance is up to 20-30M.

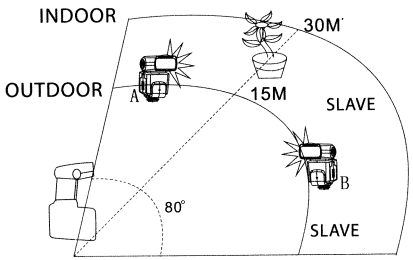
*which can be avaiable in outdoor state. The Wireless triggering distance is as long as 10-15M, Please keep in mind the following tips; the wireless triggering window needs to face the master flash and the direct sunlight shall be avoided.If these demands conflict with your hoped direct ion of light irradiation,please try to rotate the flash head in each iirection in order to meet the shooting demands.



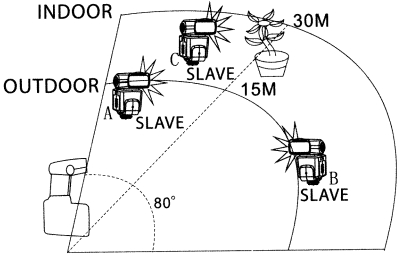
*Before placing of the slave flash,test whether S1/S2 can be synchronous normally, Do not place any obstacles between the host flash and the slave flash, because they may block the transmission of radio signals.

c. Multi-flash, wireless trigger

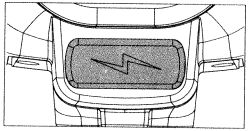
one master, two slave



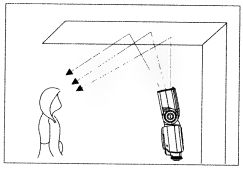
One master, three or more slave



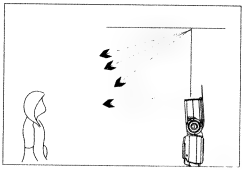
3. External charging box port
you can buy external charging boxes SD8A/MK-SD8A for NIKON and connect it to the charging port of the flash. the charging box will charge the flash.



4. Reflection Flash
Bounce flash means to take photos by making flash light head aimed at will or ceiling and using the light reflected back from the ceiling or wall to light the desired object,so that the shade behind the object can be decreased to ger more natural shooting effect. If the wall or ceiling is too far,the bounce flash may be too weak to get enough exposure.The wall or ceiling should be even and white inorder to get efficient reflection; if the reflection surface is not white,clor cast may appear in photo.

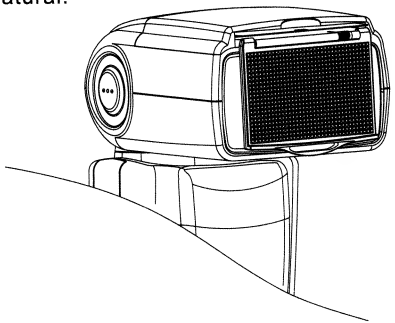


5. Use Reflection Board to Take Photos
With the reflection board flash,draw the reflection board and the wide-angle diffusion board out from the light head at the same time and then push the wide-angle diffusion board back. In such case, if this product is being used to take photos.it will produce a high lighted point on the eyes of the subject and



thus make the eyes charming(catch light), this function can reach optimal effect when the flash head is up 90 degree.

6. Use Wide-angle Diffuser
   Pull out the wide-angle diffusion board,push back the reflection board and arrange them as per the figure; Iin such case,the flash scopes will extent to 18 mm and the flash effect will be softer and more natural.



7 . Specifications

Circuit design	Insulated Gate Bipolar Transistro(IGBT)
Guide Number	58meters (ISO 100,105mm)
Flash mode	M,MULTI,S1,S2
Wireless trigger	Canon/Nikon/S1/S2
Wireless triggering disstance	20--30m indoor,10--15m outdoor
Flash coverage range	24,28,35,50,70,80,105mm.
Vertical rotation angle	0-90 degrees
Horizontal rotation angle	0-270 degrees
Power supply	4XAA size batteries(Alkaline or Ni-MH are usable)
Lighting times	100-1500 times(AA alkaline cell used)
Recycle time	approx. 3s
Color temperature	5600k
Flash time	1/200s--1/20000s
Flash control	8 levels of output control(1/128--1/1)
External ports	Hot shoe,PC port and eternal charging port (Use MK-SD8A)
Additional features	FEC,AEB,Manual zoom,Auto zoom,PC port.
Dimensions	200x78.1*58mm
Net weight	368g
Accessories	Flash light(1),protecting bag(1),mini stand(1) ,manual(1) and warranty card(1)

Guide number of different focal length range(at ISO 100, in meters / feet)

750 GN58 ISO 100 **(meters / feet)**

Flash output	Coverage (MM)						
	24	28	35	50	70	80	105
1/1	25/28	27/88. 6	31/101.7	34/111.5	37/121.4	40/131.2	58/138.6
1/2	17.7/58.1	19.1/62.7	21.9/71.9	24/78.7	26.2/86	28.3/92.8	29.4/96.8
1/4	12.5/41	13.5/44.3	15.5/50.9	17/55.8	18.5/60.7	20/65.6	21.5/70.5
1/8	8.8/28.9	9.5/31.2	11/36.1	12/39.4	13.1/43	14.1/46.3	15.2/49.9
1/16	6.3/20.7	6.8/22.3	7.8/25.6	8.5/27.9	9.3/30.5	10/32.8	10.8/35.4
1/32	4.4/14.4	4.8/15.7	5.5/18	6/19.7	6.5/21.3	7.1/23.3	7.6/24.9
1/64	3.1/10.2	3.4/11.2	3.9/12.8	4.3/14.1	4.3/15.1	5/16.4	5.4/17.7
1/128	2.5/8.2	2.7/8.9	3.2/10.5	3.7/12.1	4.4/14.4	4.7/15.4	5.1/16.7

8 . Possible problems during use and solutions

1. Please note when use the flash outdoors:For outdoor application,please avoid direct sunlight to the wirless triggering sensor and ensure normanl use of the falsh.
2. Precaution for outdoor sue of lambency umbrella; The lambency umbrella mounted on the falsh light outdoors may be blowen down easily ,and the hot shoe of the flash light may be broken.Please fix the mounting rack or avoid outdoor use.
3. Photos are under exposure or over exposure?Check if the set shutter,aperture and ISO are too near the flash limit or if some settings including exposure compensation in relation to falsh are proper.
4. Vignetting appears in photos or only part of the subject is illuminated?Please check the current coverage of focal length and make sure if the lens focal length exceeds the coverage range of the falsh.The products's zooming range is 24-85mm of the medium format system. you can try to pull out the wide -angle diffuser to expand the flash range.
5. The flash light is abnormal?Switch off the powr of flash light and camera,mount the flash light on the hot shoe of camera,and switch on the power of flash light and camera again,If the abnormity continues,replace the batteries.
6. In use process have function abnormal or part of the failure of function, can detach flash to installed the new battery then trun on again for recover normal use. For abnormal use may caused error state, under turning on status,replacement battery directly,the battery capacity lack, hot shoes too loose to happen badness contact, etc.

7. Install batteries but can not turn on?
Check the battery pack, the electricity shortage, old and new batteries or different brand battery in practice.if have these situation pls as to the right way to install batteries.

*Caution: long time no use, please featch out batteries.

The functions of this manual are based on test conditions of our company .Further notice will not be given if the design and specifications change.